Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060126.D
Acq On : 27 Aug 2018 15:47
Operator : VA/AP
Sample : J4646-08
Misc : 5.42g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Aug 27 16:23:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	129425	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	163277	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	192230	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	113694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	68004	38.39	ug/l	-0.03
Spiked Amount 50.000			Recovery = 76.78%			
35) Dibromofluoromethane	4.28	113	75894	59.19	ug/l	-0.02
Spiked Amount 50.000			Recovery = 118.38%			
50) Toluene-d8	7.70	98	189941	52.16	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.32%			
62) 4-Bromofluorobenzene	11.51	95	104139	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.12%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	1146	Below Cal		89
11) Tert butyl alcohol	2.62	59	96	1.019	ug/l #	80
13) Acrolein	2.08	56	211	29.603	ug/l #	1
16) Acetone	2.32	43	5218	11.208	ug/l	98
18) Methyl Acetate	2.47	43	1693	Below Cal #		60
20) Methylene Chloride	2.28	84	10898	7.533	ug/l #	72
39) Methylcyclohexane	5.75	83	2699	1.876	ug/l #	36
49) 1,4-Dioxane	6.89	88	61	8.314	ug/l #	18
52) Toluene	7.77	92	2875	Below Cal		80
58) 2-Chloroethyl Vinyl ether	7.78	63	620	7.135	ug/l	100
68) m/p-Xylenes	10.26	106	209	Below Cal #		52
95) Naphthalene	14.51	128	359	2.367	ug/l #	69

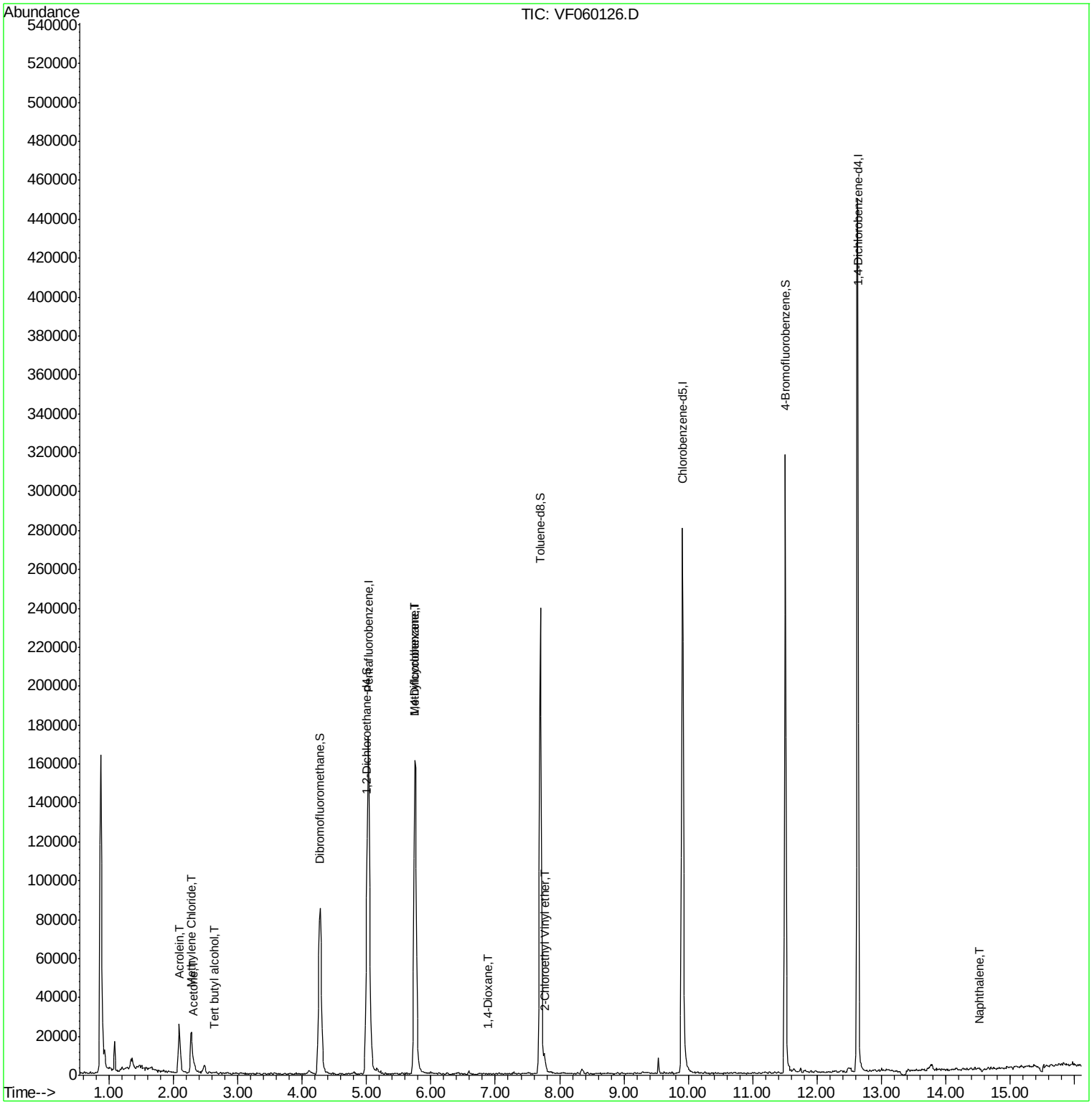
(#) = qualifier out of range (m) = manual integration (+) = signals summed

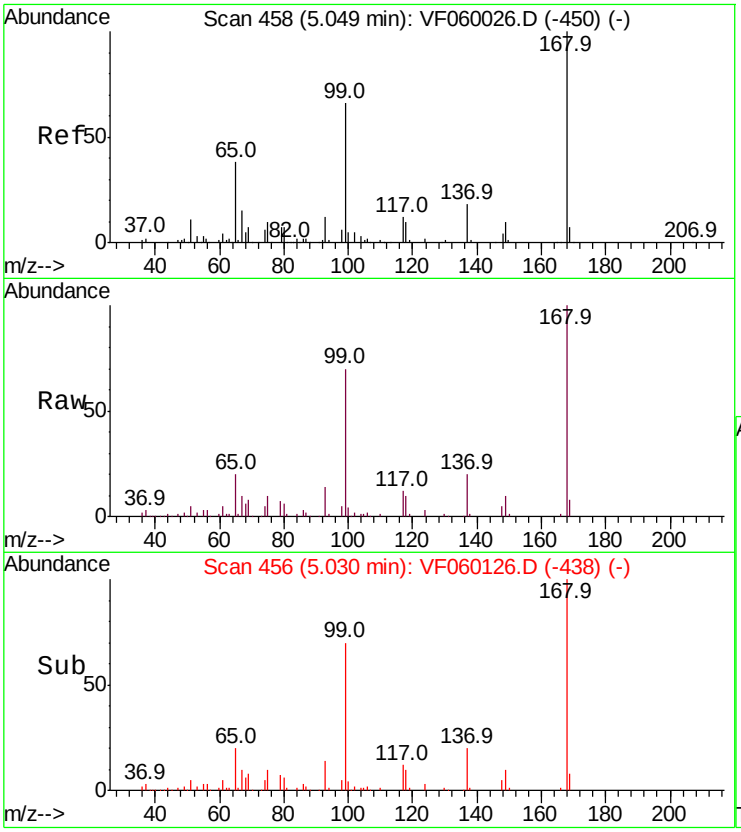
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060126.D
Acq On : 27 Aug 2018 15:47
Operator : VA/AP
Sample : J4646-08
Misc : 5.42g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Aug 27 16:23:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration



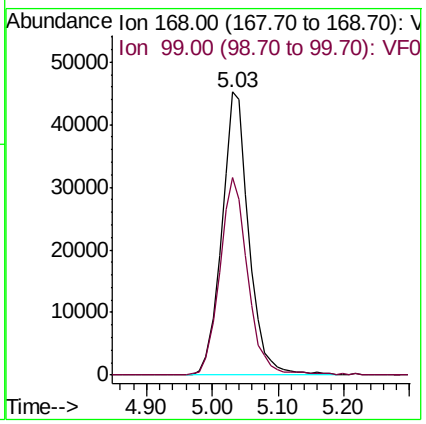


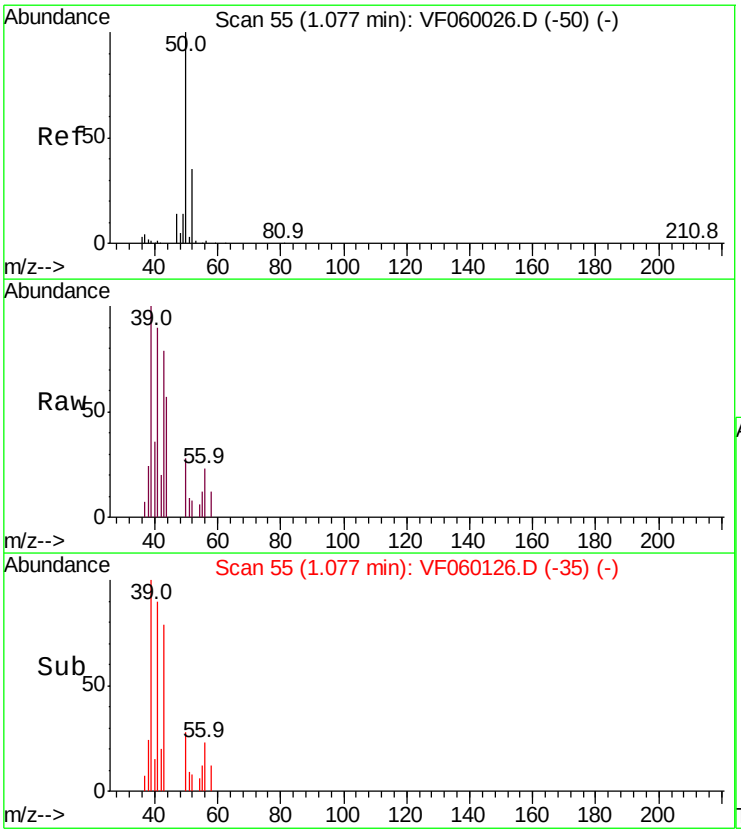
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 129425

Ion	Ratio	Lower	Upper
168	100		
99	69.6	52.6	79.0

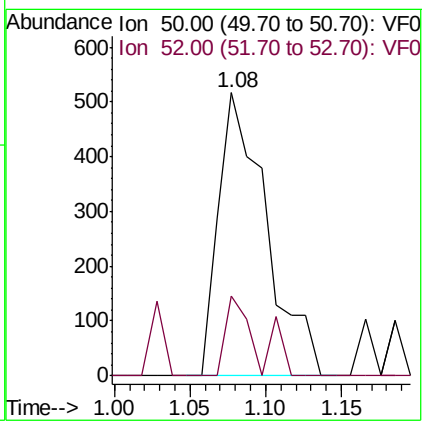


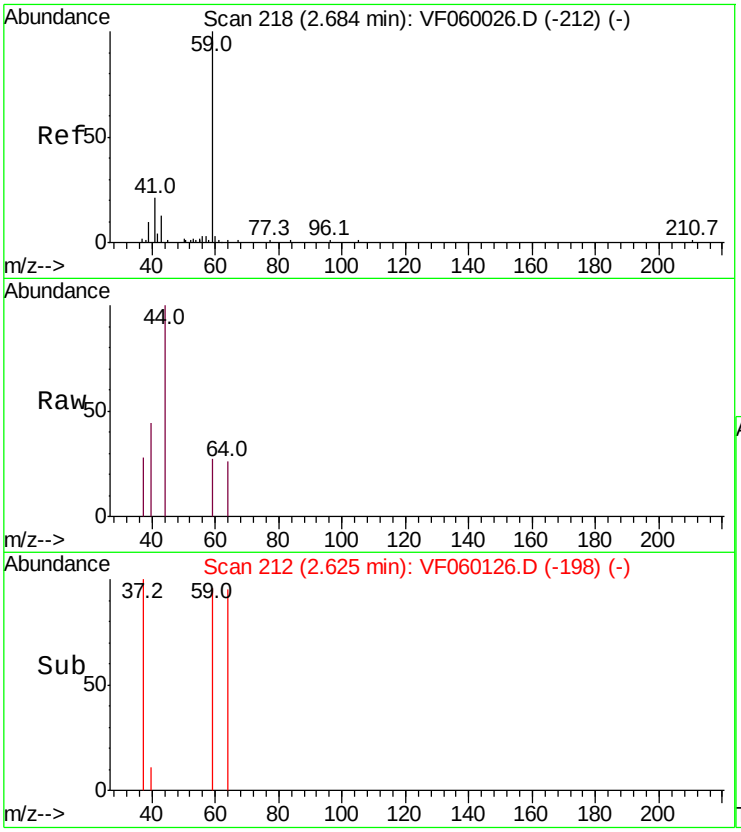


#3
Chloromethane
Concen: Below Cal
RT: 1.08 min Scan# 55
Delta R.T. 0.00 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 50 Resp: 1146

Ion	Ratio	Lower	Upper
50	100		
52	28.0	27.6	41.4



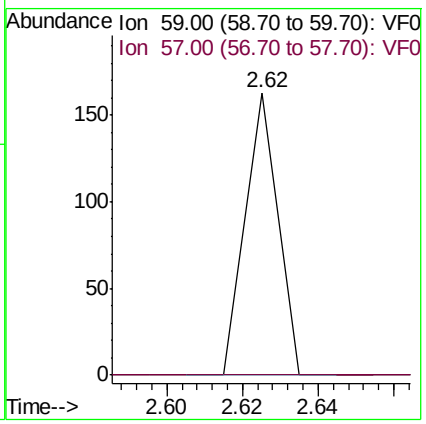


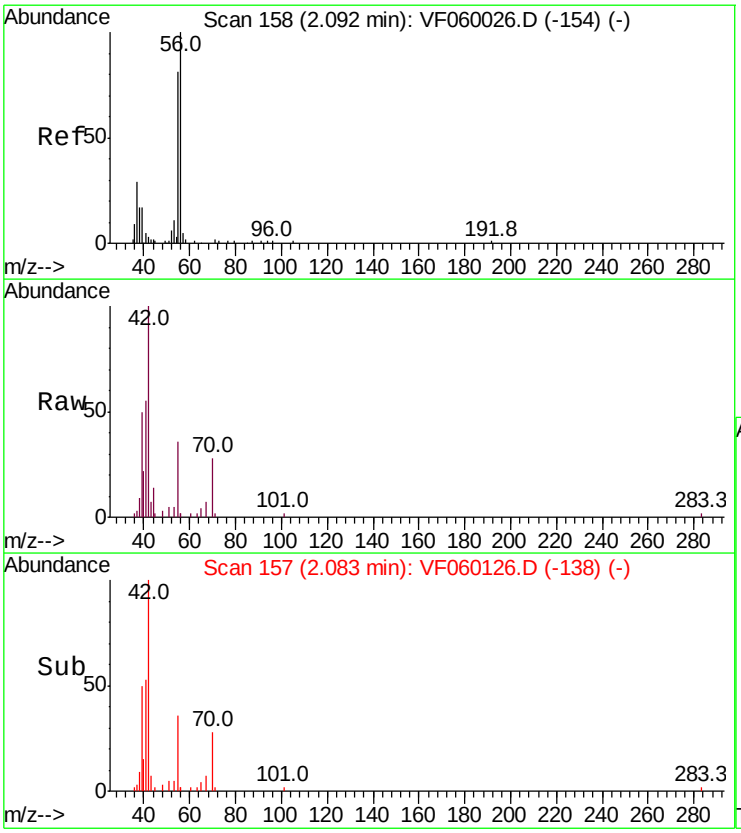
#11
Tert butyl alcohol
Concen: 1.019 ug/l
RT: 2.62 min Scan# 212
Delta R.T. -0.06 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 96

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.2#

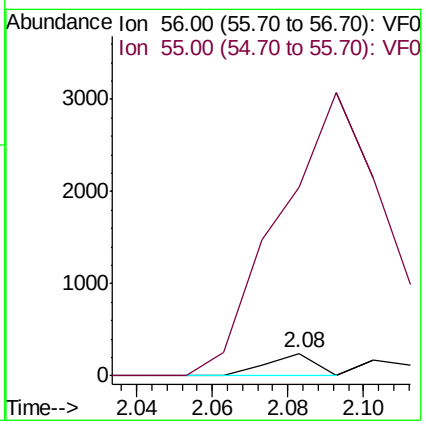


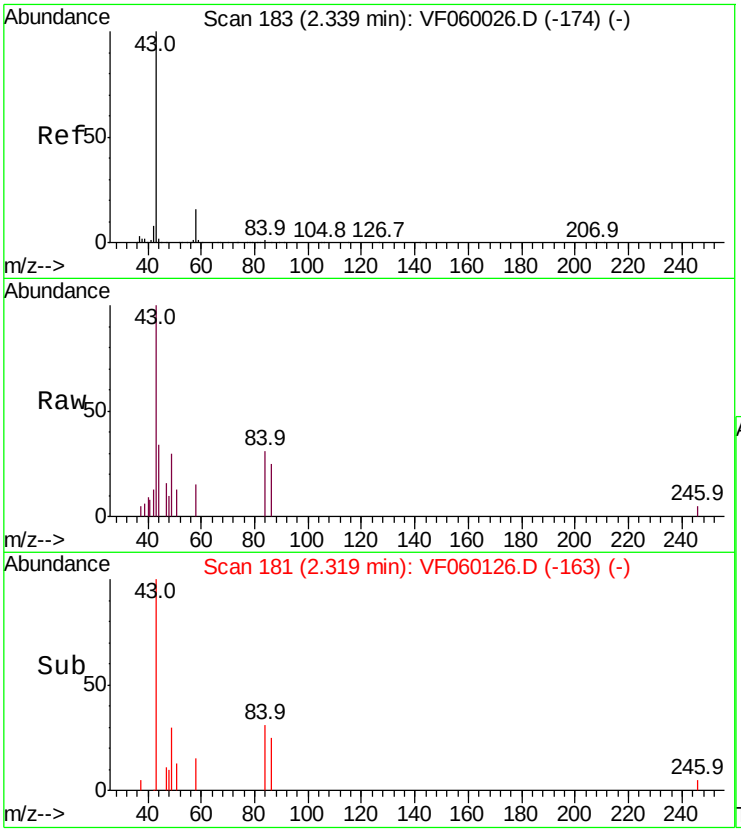


#13
Acrolein
Concen: 29.603 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 56 Resp: 211

Ion	Ratio	Lower	Upper
56	100		
55	840.6	65.6	98.4#



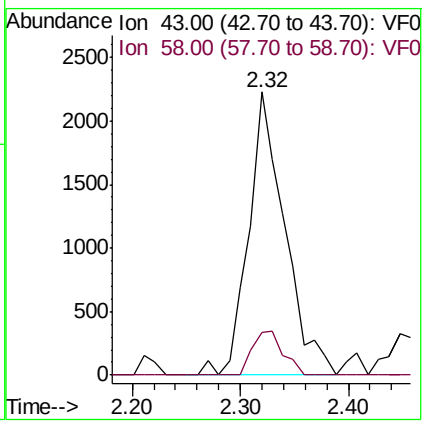


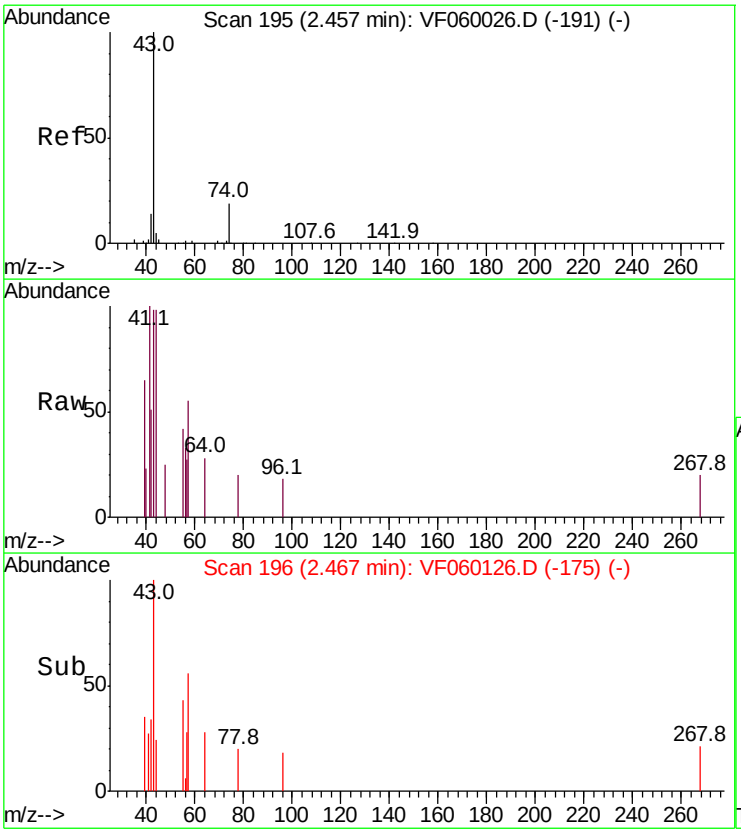
#16
Acetone
Concen: 11.208 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5218

Ion	Ratio	Lower	Upper
43	100		
58	14.9	12.6	19.0

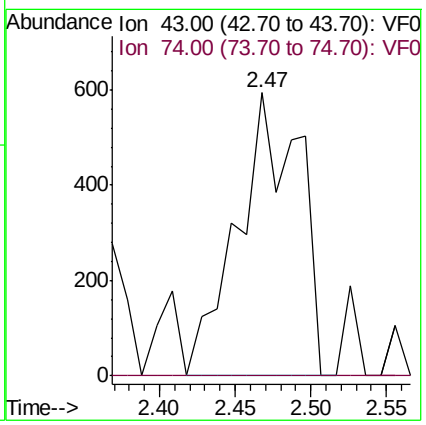


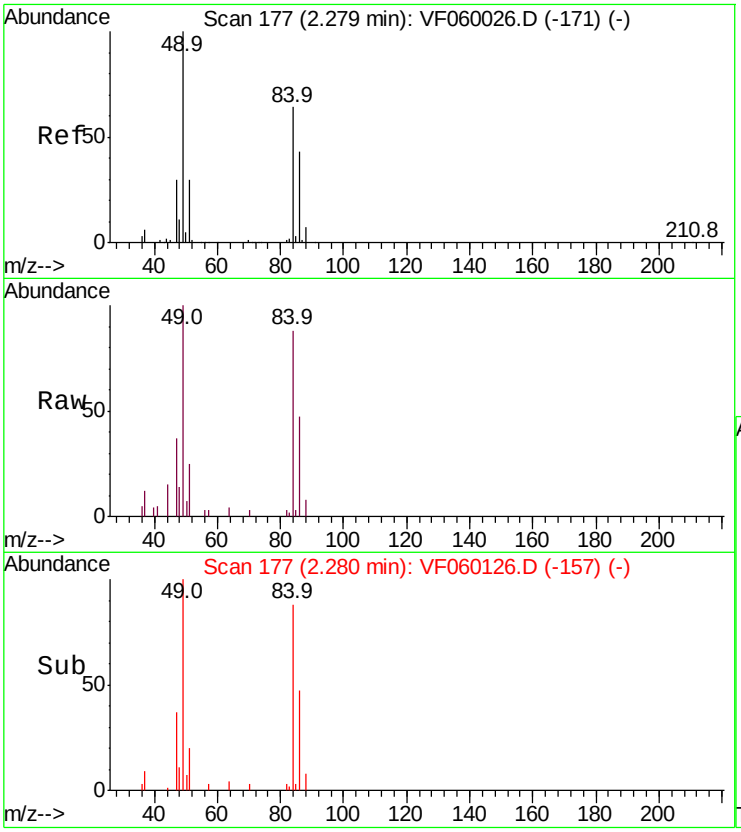


#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 43 Resp: 1693

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#



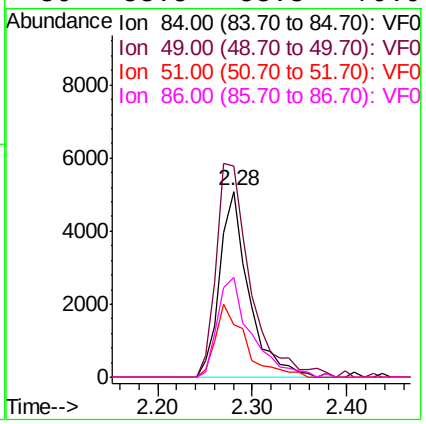


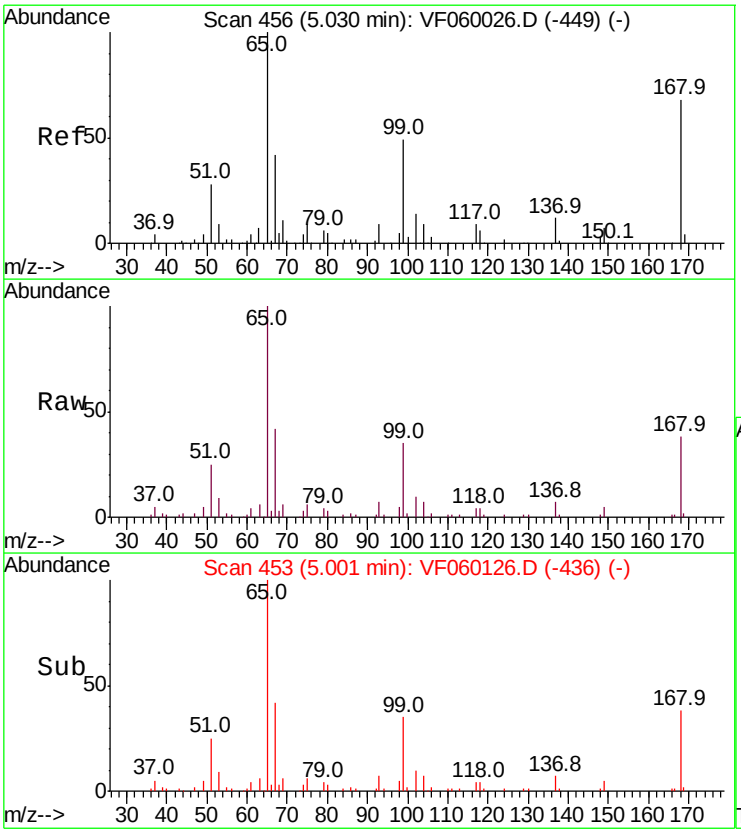
#20
Methylene Chloride
Concen: 7.533 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 10898

Ion	Ratio	Lower	Upper
84	100		
49	113.4	125.4	188.0#
51	27.9	38.3	57.5#
86	53.5	53.3	79.9

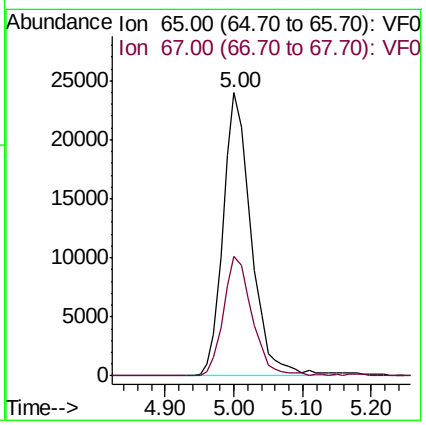


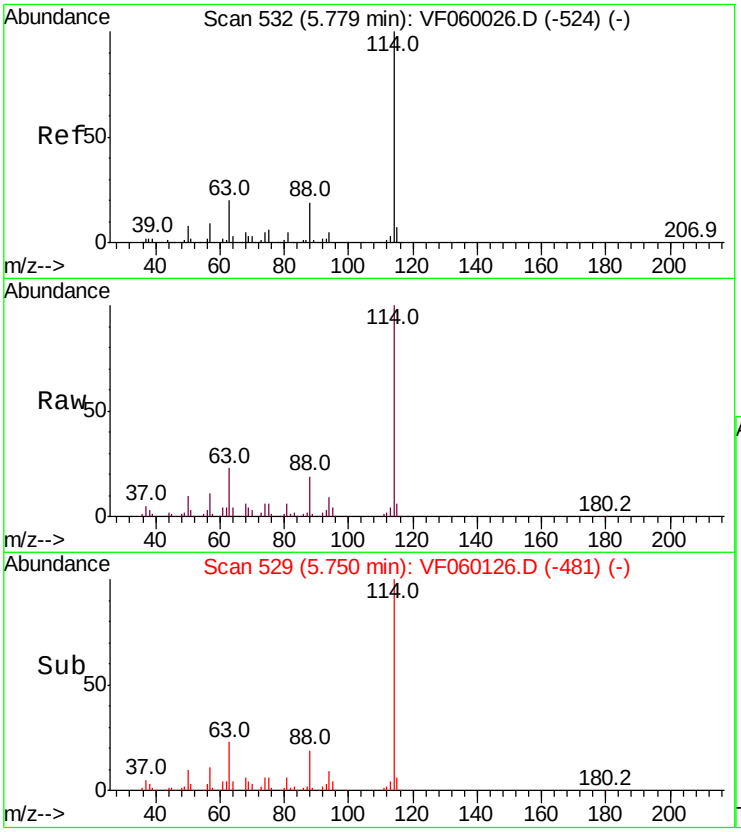


#33
1,2-Dichloroethane-d4
Concen: 38.391 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 65 Resp: 68004

Ion	Ratio	Lower	Upper
65	100		
67	42.1	0.0	92.0



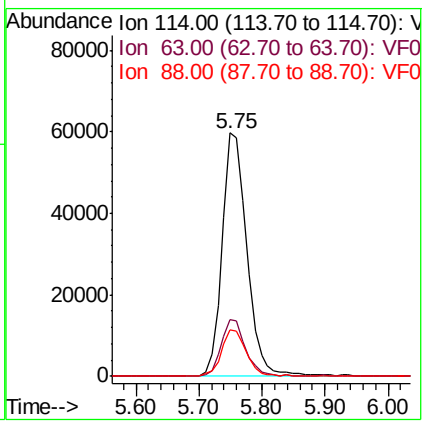


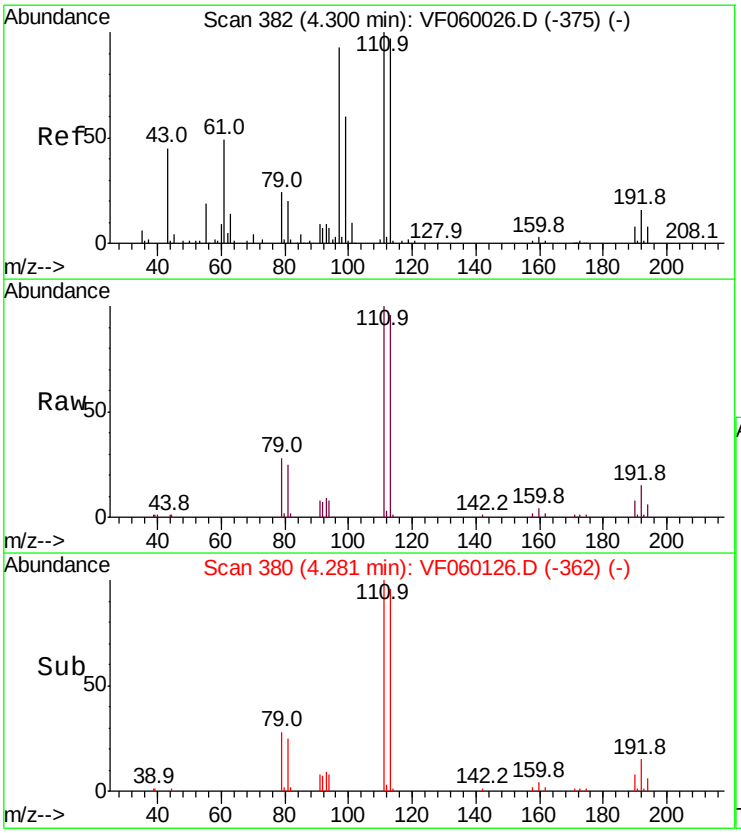
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.03 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 163277

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	40.4
88	19.0	0.0	38.6

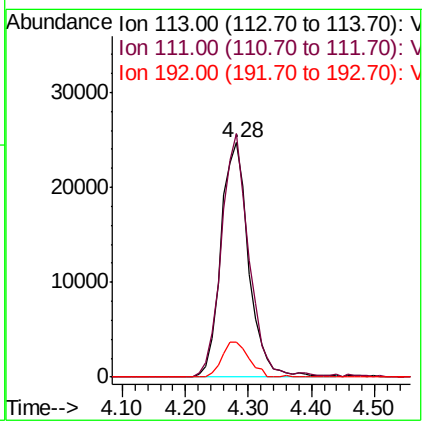


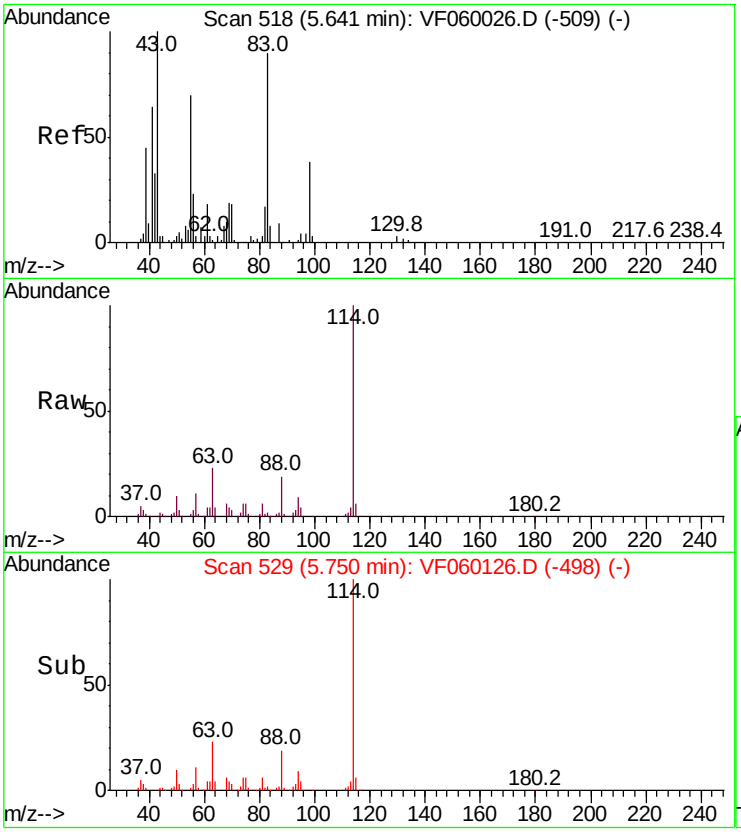


#35
Dibromofluoromethane
Concen: 59.193 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion:113 Resp: 75894

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	15.1	13.0	19.4



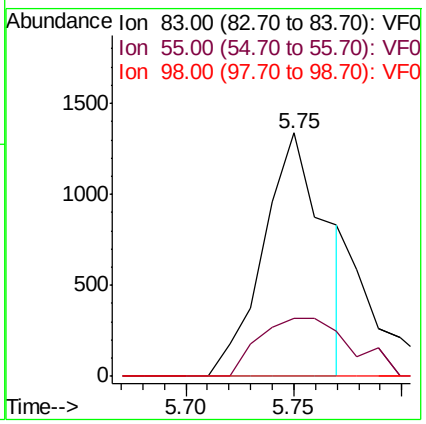


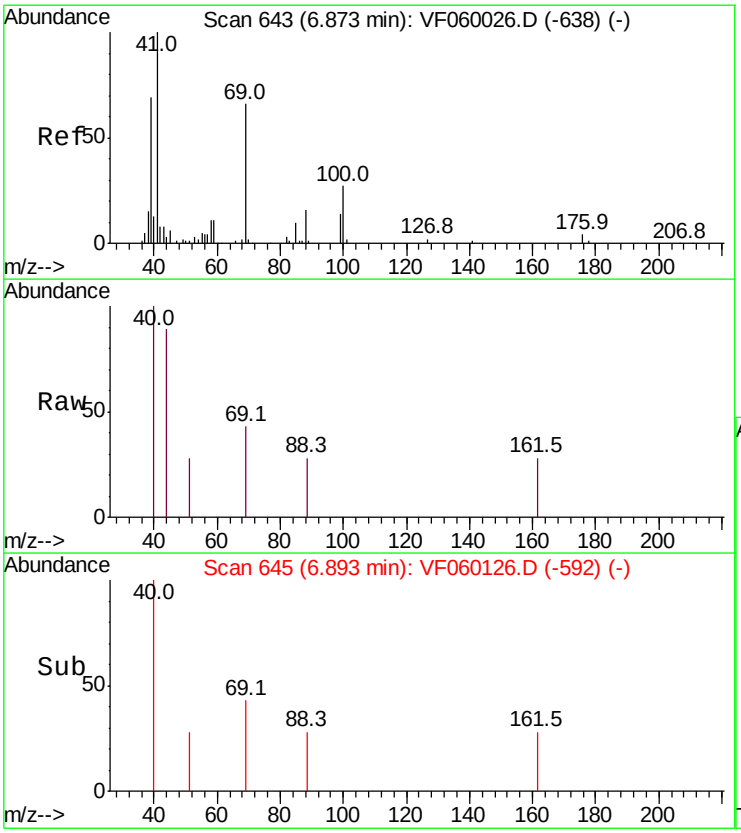
#39
Methylcyclohexane
Concen: 1.876 ug/l
RT: 5.75 min Scan# 529
Delta R.T. 0.11 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 2699

Ion	Ratio	Lower	Upper
83	100		
55	23.9	62.7	94.1#
98	0.0	33.8	50.8#

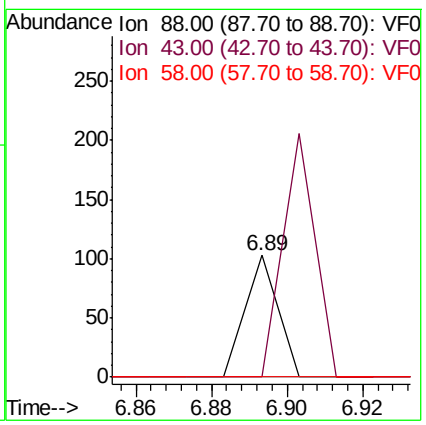


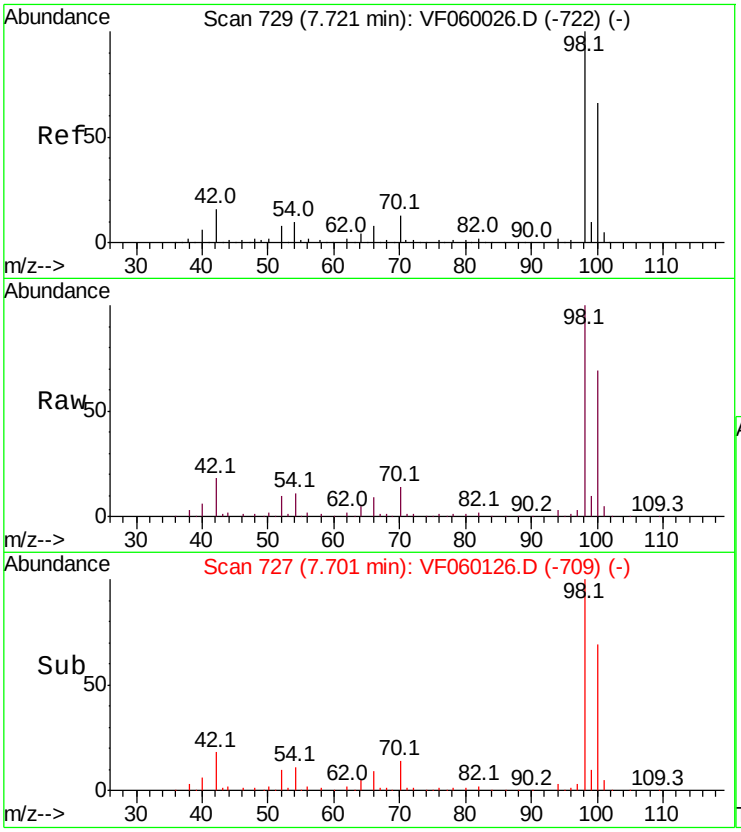


#49
1,4-Dioxane
Concen: 8.314 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	0.0	46.5	69.7#
58	0.0	54.8	82.2#



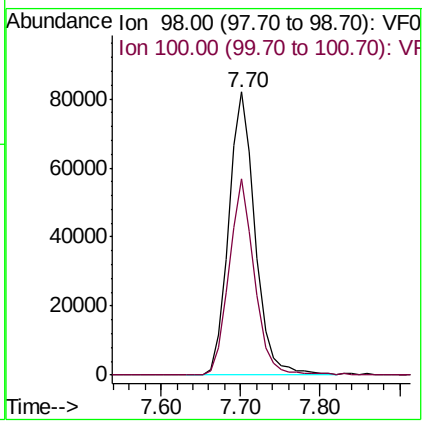


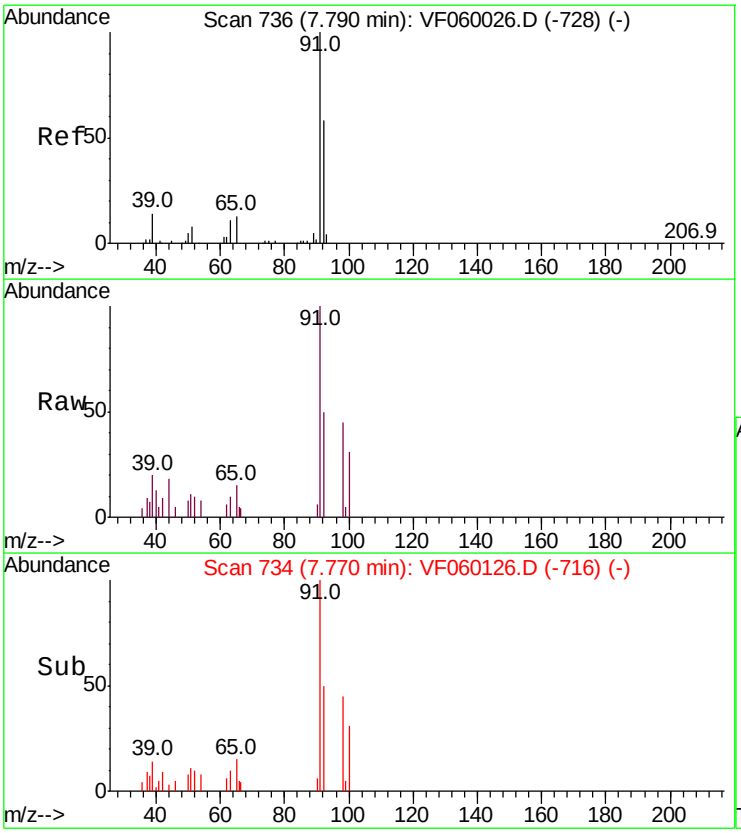
#50
Toluene-d8
Concen: 52.164 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 189941

Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.2	79.8

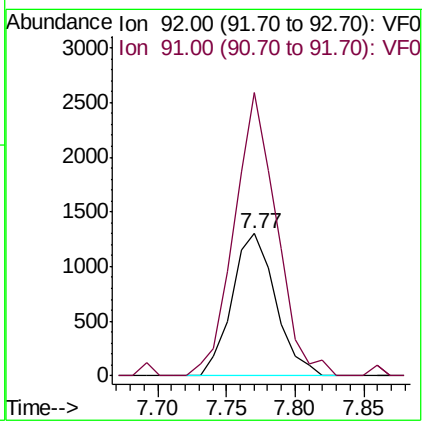


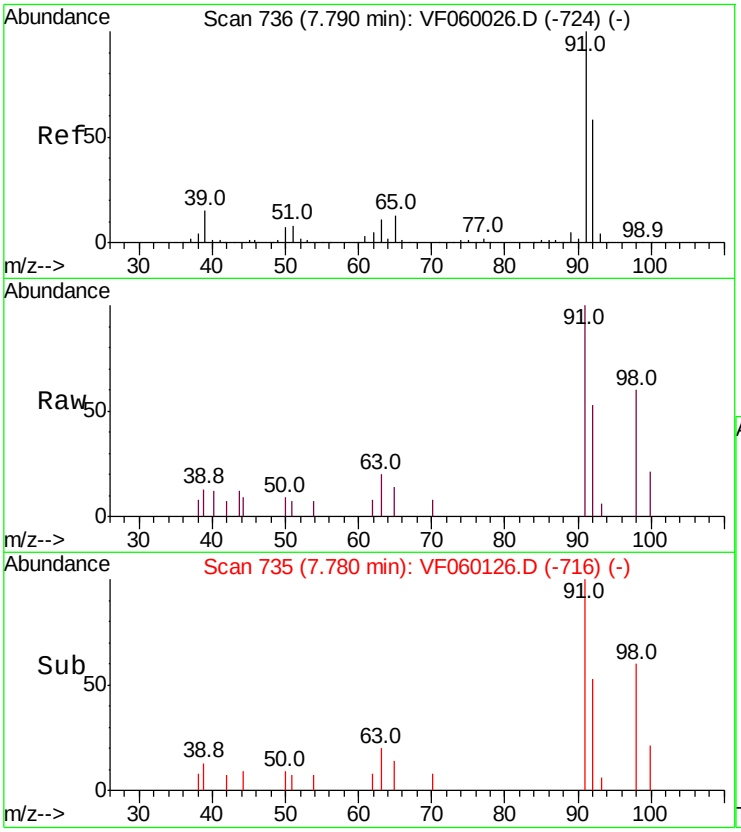


#52
Toluene
Concen: Below Cal
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 92 Resp: 2875

Ion	Ratio	Lower	Upper
92	100		
91	199.4	137.7	206.5



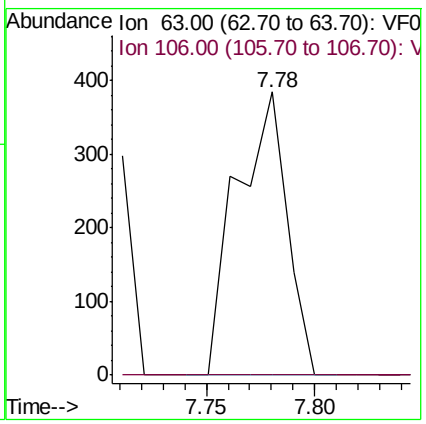


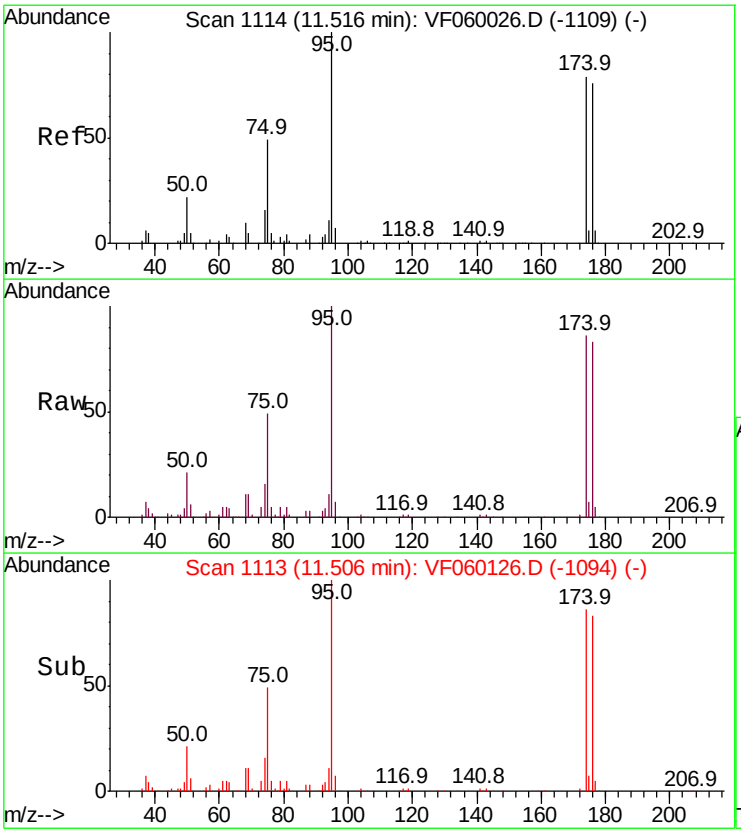
#58
2-Chloroethyl Vinyl ether
Concen: 7.135 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 620

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

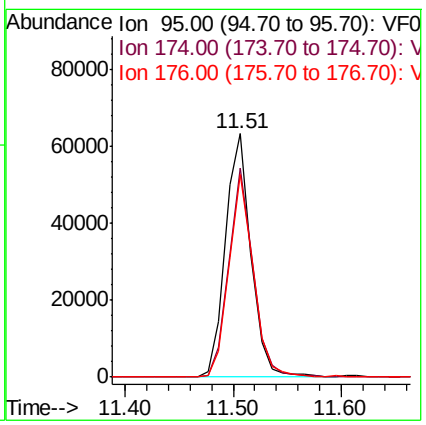


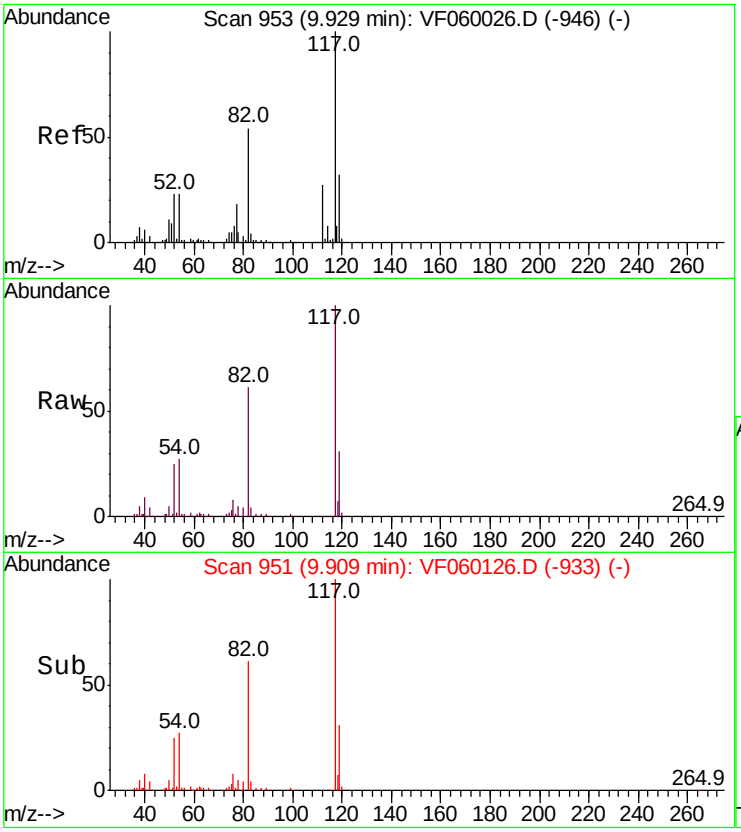


#62
4-Bromofluorobenzene
Concen: 54.063 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion: 95 Resp: 104139

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	158.4
176	83.2	0.0	153.0



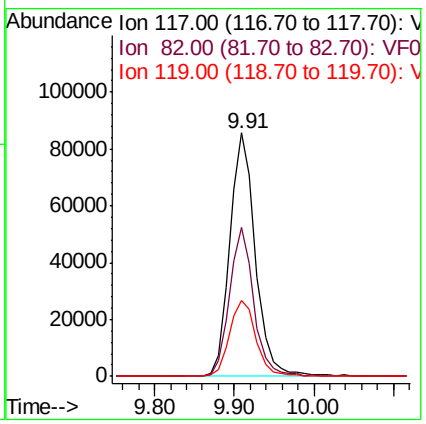


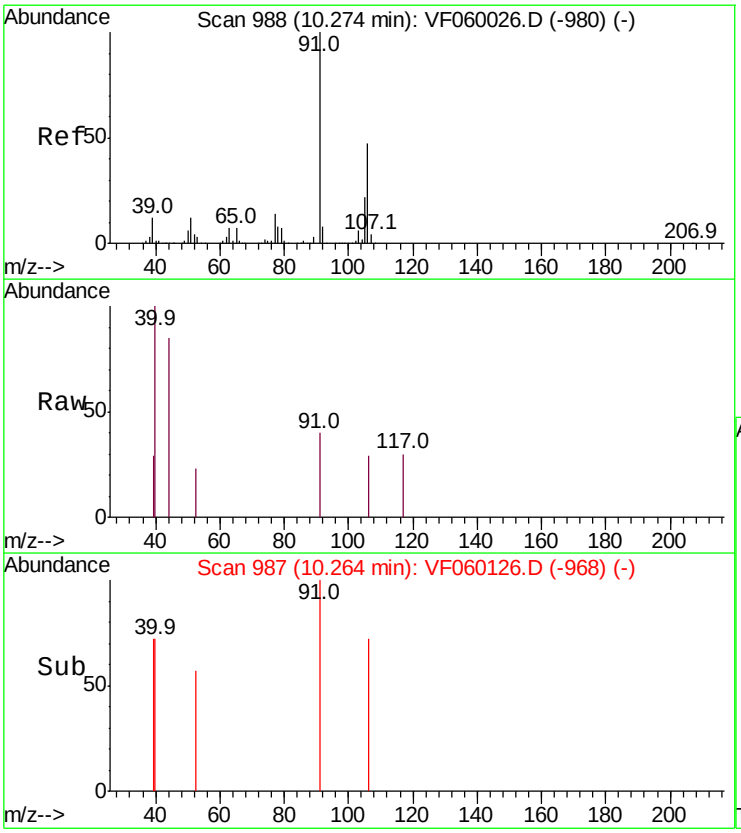
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 192230

Ion	Ratio	Lower	Upper
117	100		
82	61.2	43.6	65.4
119	31.0	25.6	38.4

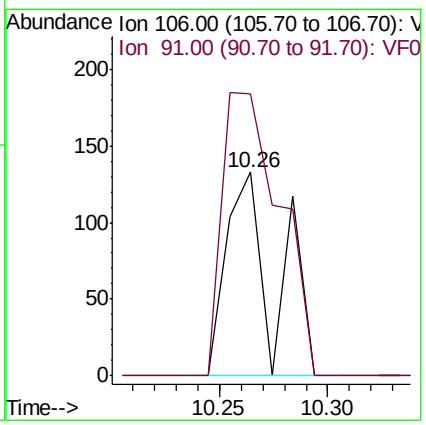


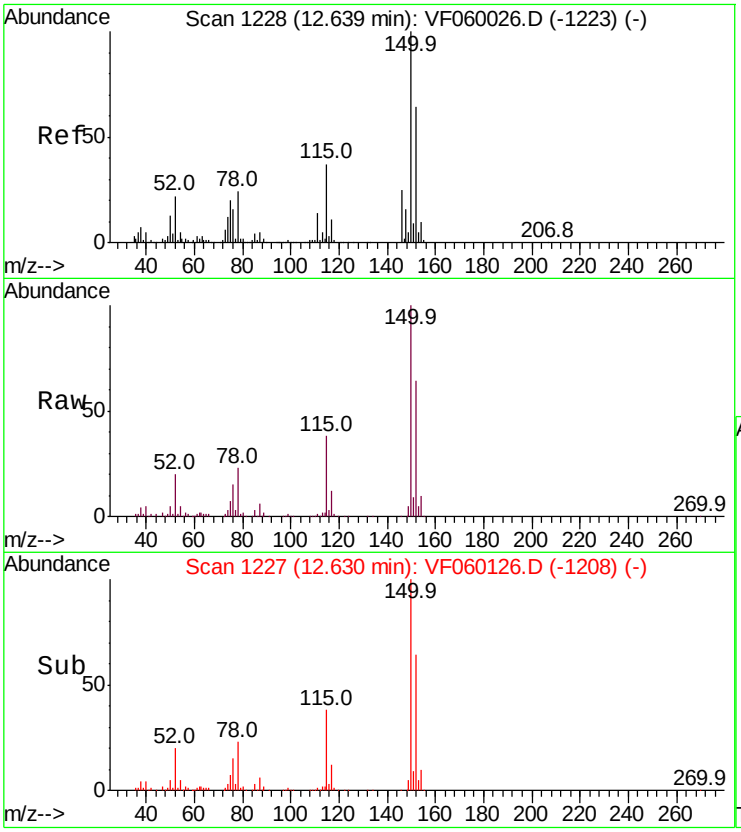


#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion:106 Resp: 209

Ion	Ratio	Lower	Upper
106	100		
91	138.3	171.8	257.8#



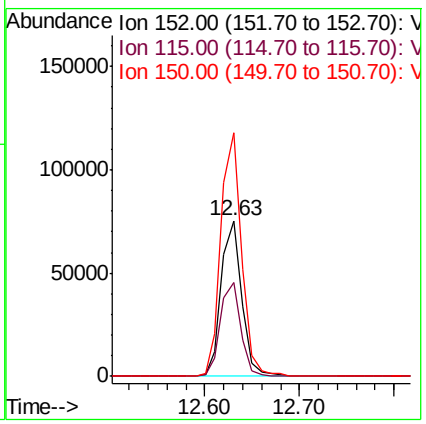


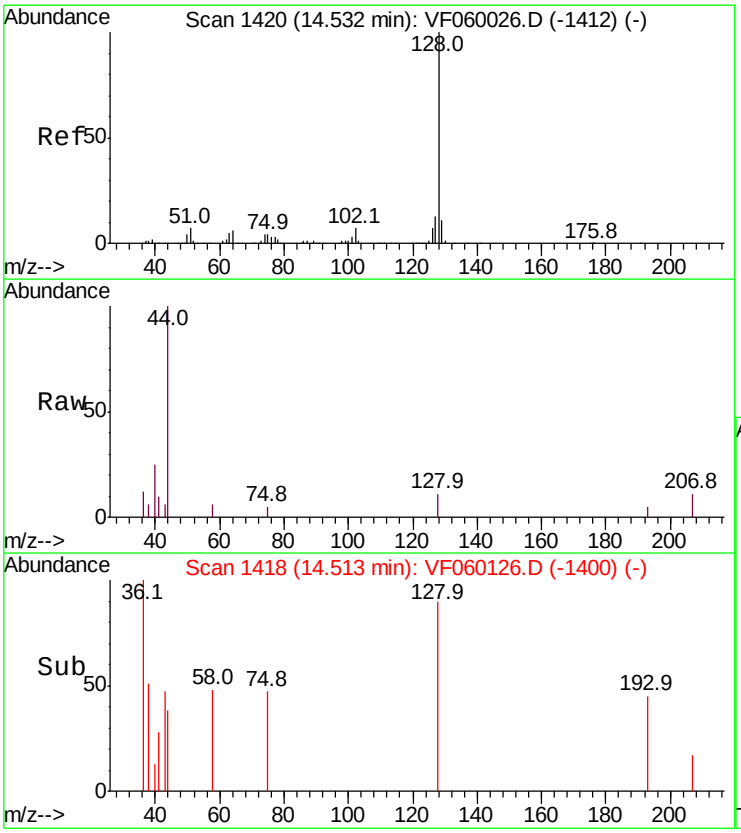
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 113694

Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.6	85.9
150	156.8	0.0	312.0





#95
Naphthalene
Concen: 2.367 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VF060126.D
Acq: 27 Aug 2018 15:47

Tgt Ion:128 Resp: 359

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.5	12.7#